



Weather & Risk Assessment



Temperature
21.814285714285713°C



Humidity
84%

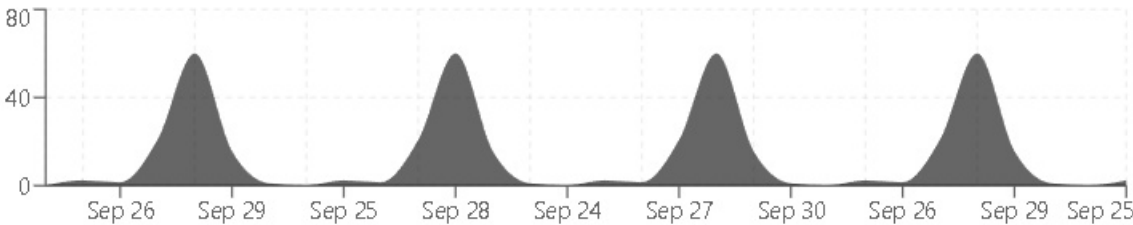


Low Risk - 20%

Rain next 7 days: 102 mm • Avg humidity: 89%



30-Day Weather Trend



Next 7 Days

Wed	Thu	Fri	Sat	Sun	Mon	Tue
22.6°C 0.16mm	22.9°C 2.44mm	23.3°C 1.55mm	21.8°C 20.82mm	20.3°C 60.04mm	20.6°C 15.66mm	21.2°C 1.06mm



Yield Prediction

6.72 tonnes/hectare

Confidence: 80%

vs. Historical Average

0%



Key Factors Impact

Maize	<div></div>	88%
Tmax	<div></div>	4%
Avg Temp	<div></div>	4%
Tmin	<div></div>	4%

Prediction for Maize sown on 2025-09-24: 6.7 tons /ha expected yield with maturity in 119 days.



Smart Irrigation Schedule

Next: Irrigate: 36 mm on 24 Sept–7 Oct. Supplemental irrigation

View

Simple

Detailed

Water

Give water

No water

Skip watering



Recommended Schedule

24 Sept – 7 Oct

Water

36 mm

Do: Water the field

How much: 36 mm. Why: Supplemental irrigation

Tip: Water early morning. If it rained >10 mm in last 24h, skip.

8 Oct – 21 Oct

Water

36 mm

Do: Water the field

How much: 36 mm. Why: Tillering/vegetative support

Tip: Water early morning. If it rained >10 mm in last 24h, skip.

22 Oct – 4 Nov

Water

36 mm

Do: Water the field

How much: 36 mm. Why: Flowering critical period

Tip: Water early morning. If it rained >10 mm in last 24h, skip.

5 Nov – 18 Nov

Water

36 mm

Do: Water the field

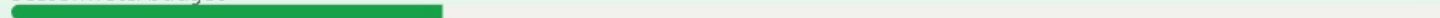
How much: 36 mm. Why: Supplemental irrigation

Tip: Water early morning. If it rained >10 mm in last 24h, skip.

Estimated Water Savings

70%

Season water budget



Farmer tips

- * Check soil moisture by hand (10–15 cm depth).
- * Level the field to avoid water loss.
- * Use mulching to keep moisture for longer.
- * During hot days (>34°C), water a day earlier if plants wilt.

Download Schedule PDF